10/506301

RAW SEQUENCE LISTING

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PATENT APPLICATION: US/10/506,301   TIME: 12:45:46

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 3 <110> APPLICANT: Gopalrathnam, Ganapathy
 4         Huang, Lihua
 5         Riggin, Ralph M
 6         Sheliga, Theodore A.
 8 <120> TITLE OF INVENTION: Activated Protein C Formulations
10 <130> FILE REFERENCE: X15199
12 <140> CURRENT APPLICATION NUMBER: 10/506,301
13 <141> CURRENT FILING DATE: 2004-09-01
15 <150> PRIOR APPLICATION NUMBER: PCT/US03/05046
16 <151> PRIOR FILING DATE: 2003-02-27
18 <160> NUMBER OF SEQ ID NOS: 3
20 <170> SOFTWARE: PatentIn version 3.3
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23 <211> LENGTH: 410
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42      50                  55                  60
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46 65                  70                  75                  80
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53 Thr His Tyr Cys Leu Glu Glu Val Gly Trp Arg Arg Cys Ser Cys Ala
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 90                 245                 250                 255
 93 Pro Ala Thr Leu Ser Gln Thr Ile Val Pro Ile Cys Leu Pro Asp Ser
 94                 260                 265                 270
 97 Gly Leu Ala Glu Arg Glu Leu Asn Gln Ala Gly Gln Glu Thr Leu Val
 98             275                 280                 285
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102         290                 295                 300
105 Arg Thr Phe Val Leu Asn Phe Ile Lys Ile Pro Val Val Pro His Asn
106 305                 310                 315                 320
109 Glu Cys Ser Glu Val Met Ser Asn Met Val Ser Glu Asn Met Leu Cys
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113 Ala Gly Ile Leu Gly Asp Arg Gln Asp Ala Cys Glu Gly Asp Ser Gly
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117 Gly Pro Met Val Ala Ser Phe His Gly Thr Trp Phe Leu Val Gly Leu
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121 Val Ser Trp Gly Glu Gly Cys Gly Leu Leu His Asn Tyr Gly Val Tyr
122     370                 375                 380
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152 Cys Ala Ser Leu Cys Cys Gly His Gly Thr Cys Ile Asp Gly Ile Gly
153     50                  55                  60
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157 65                  70                  75                  80
160 Arg Glu Val Ser Phe Leu Asn Cys Ser Leu Asp Asn Gly Gly Cys Thr
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172 Phe Pro Cys Gly Arg Pro Trp Lys Arg Met Glu Lys Lys Arg Ser His
173     130                 135                 140
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189   195   200   205
192 Leu Leu Val Arg Leu Gly Glu Tyr Asp Leu Arg Arg Trp Glu Lys Trp
193   210   215   220
196 Glu Leu Asp Leu Asp Ile Lys Glu Val Phe Val His Pro Asn Tyr Ser
197 225   230   235   240
200 Lys Ser Thr Thr Asp Asn Asp Ile Ala Leu Leu His Leu Ala Gln Pro
201   245   250   255
204 Ala Thr Leu Ser Gln Thr Ile Val Pro Ile Cys Leu Pro Asp Ser Gly
205   260   265   270
208 Leu Ala Glu Arg Glu Leu Asn Gln Ala Gly Gln Glu Thr Leu Val Thr
209   275   280   285
212 Gly Trp Gly Tyr His Ser Ser Arg Glu Lys Glu Ala Lys Arg Asn Arg
213   290   295   300
216 Thr Phe Val Leu Asn Phe Ile Lys Ile Pro Val Val Pro His Asn Glu
217 305   310   315   320
220 Cys Ser Glu Val Met Ser Asn Met Val Ser Glu Asn Met Leu Cys Ala
221   325   330   335
224 Gly Ile Leu Gly Asp Arg Gln Asp Ala Cys Glu Gly Asp Ser Gly Gly
225   340   345   350
228 Pro Met Val Ala Ser Phe His Gly Thr Trp Phe Leu Val Gly Leu Val
229   355   360   365
232 Ser Trp Gly Glu Gly Cys Gly Leu Leu His Asn Tyr Gly Val Tyr Thr
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263 Gln Cys Leu Val Leu Pro Leu Glu His Pro Cys Ala Ser Leu Cys Cys
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267 Gly His Gly Thr Cys Ile Asp Gly Ile Gly Ser Phe Ser Cys Asp Cys
268 65   70   75   80

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272              85                  90                  95
275 Asn Cys Ser Leu Asp Asn Gly Gly Cys Thr His Tyr Cys Leu Glu Glu
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288 145                 150                 155                 160
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296              180                 185                 190
299 Lys Leu Ala Cys Gly Ala Val Leu Ile His Pro Ser Trp Val Leu Thr
300          195                 200                 205
303 Ala Ala His Cys Met Asp Glu Ser Lys Lys Leu Leu Val Arg Leu Gly
304          210                 215                 220
307 Glu Tyr Asp Leu Arg Arg Trp Glu Lys Trp Glu Leu Asp Leu Asp Ile
308 225                 230                 235                 240
311 Lys Glu Val Phe Val His Pro Asn Tyr Ser Lys Ser Thr Thr Asp Asn
312              245                 250                 255
315 Asp Ile Ala Leu Leu His Leu Ala Gln Pro Ala Thr Leu Ser Gln Thr
316              260                 265                 270
319 Ile Val Pro Ile Cys Leu Pro Asp Ser Gly Leu Ala Glu Arg Glu Leu
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324          290                 295                 300
327 Ser Arg Glu Lys Glu Ala Lys Arg Asn Arg Thr Phe Val Leu Asn Phe
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331 Ile Lys Ile Pro Val Val Pro His Asn Glu Cys Ser Glu Val Met Ser
332              325                 330                 335
335 Asn Met Val Ser Glu Asn Met Leu Cys Ala Gly Ile Leu Gly Asp Arg
336              340                 345                 350
339 Gln Asp Ala Cys Glu Gly Asp Ser Gly Gly Pro Met Val Ala Ser Phe
340          355                 360                 365
343 His Gly Thr Trp Phe Leu Val Gly Leu Val Ser Trp Gly Glu Gly Cys
344          370                 375                 380
347 Gly Leu Leu His Asn Tyr Gly Val Tyr Thr Lys Val Ser Arg Tyr Leu
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VERIFICATION SUMMARY   DATE: 01/26/2005
PATENT APPLICATION: **US/10/506,301**   TIME: 12:45:47

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